

Serial No. 10/796,697
Art Unit: 1617

In the Claims:

Please enter the following amended claims in the application. Claims 1, 3-4, 6-8, 10-12, 14, 16-17, 19-21, 23-25, 27, 29-30, 33-34, 36 and 38 have been amended. Claims 5, 18 and 31 have been canceled. This listing of claims will replace all prior versions, and listings, of claims in the application.

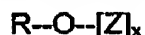
Listing of Claims:

1. (Currently amended) A microemulsion composition for use as an adjuvant with agrochemicals, consisting essentially of an oil phase, a at least one hydrophilic emulsifier selected from the group consisting of alkylpolyglycosides, a at least one lipophilic co-emulsifier selected from the group consisting of non-alkoxylated non-ionic surfactants and water, wherein, the microemulsion is a liquid at its use temperature.
2. (Original) The composition of claim 1 wherein the oil phase component comprises a fatty acid ester.
3. (Currently amended) The composition of claim 2 wherein the oil phase component ~~is~~ comprises a member selected from the group consisting of methyl oleate and methyl laurate.
4. (Currently amended) The composition of claim 1 wherein the oil phase component ~~is~~ comprises a member selected from the group consisting of mineral oils, vegetable oils, paraffinic oils and silicone oils.
5. (Canceled)
6. (Currently amended) The composition of claim 1 wherein the hydrophilic

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emulsifier comprises an alkyl(oligo)glycoside ~~corresponding to~~ of the formula:



in which R is an alkyl group containing 8 to 22 carbon atoms, Z is a sugar unit containing 5 or 6 carbon atoms and x is a number from 1 to 10.

7. (Currently amended) The composition of claim 1 wherein the lipophilic co-emulsifier is comprises at least one member selected from the group consisting of glycerol esters and sorbitan esters possessing of fatty acids containing 6 to 22 carbon atoms.

8. (Currently amended) The composition of claim 7 wherein the lipophilic co-emulsifier is comprises at least one member selected from the group consisting of glycerol monooleate and sorbitan monolaurate.

9. (Original) The composition of claim 1 wherein the ratio by weight of hydrophilic emulsifier to the combined amount of hydrophilic emulsifier and lipophilic co-emulsifier ranges from 0.60 to 0.80.

10. (Currently amended) The composition of claim 1 ~~wherein the~~ mixed with an agrochemical is comprising at least one member selected from the group consisting of pesticides, herbicides, algicides, fungicides, bactericides, viricides, insecticides, aphicides, miticides, nematocides, molluscicides, plant growth regulators, fertilizers, nutrients, gametocides, defoliants, desiccants, pest repellants, synergists, herbicide safeners, salt additives, preservatives, and mixtures thereof.

11. (Currently amended) The composition of claim ~~[[1]]~~ 10 wherein the agrochemical comprises a glyphosate herbicide.

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12. (Currently amended) The composition of claim 1 further ~~comprising~~ consisting essentially of an agent selected from the group consisting of antifreeze agents, dyes, thickening agents, antifoam agents and inorganic salts.

13. (Original) A method for treating plants with an agrochemical comprising spraying the agrochemical in combination with the composition of claim 1.

14. (Currently amended) A microemulsion composition for use as an adjuvant in combination with an agrochemical, the microemulsion ~~comprising~~ consisting essentially of:

- (a) from about 5% to about 50% of an oil phase component[.];
- (b) from about 2% to about 20% of a at least one hydrophilic emulsifier[.]
selected from the group consisting of alkylpolyglycosides;
- (c) from about 2% to about 15% of a at least one lipophilic co-emulsifier[.]
selected from the group consisting of non-alkoxylated non-ionic surfactants;
- (d) from about 10% to about 90% water, wherein, the microemulsion is a liquid at its use temperature.

15. (Original) The composition of claim 14 wherein the oil phase component comprises a fatty acid ester.

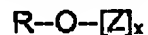
16. (Currently amended) The composition of claim 15 wherein the oil phase component ~~is~~ comprises at least one fatty acid ester selected from the group consisting of methyl oleate and methyl laurate.

17. (Currently amended) The composition of claim 14 wherein the oil phase component is comprises at least one member selected from the group consisting of mineral oils, vegetable oils, paraffinic oils and silicone oils.

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18. (Canceled)

19. (Currently amended) The composition of claim 14 wherein the hydrophilic emulsifier comprises an alkyl(oligo)glycoside ~~corresponding to~~ of the formula:



in which R is an alkyl group containing 8 to 22 carbon atoms, Z is a sugar unit containing 5 or 6 carbon atoms and x is a number from 1 to 10.

20. (Currently amended) The composition of claim 14 wherein the lipophilic co-emulsifier ~~is comprises at least one member~~ selected from the group consisting of glycerol esters and sorbitan esters ~~possessing of fatty acids containing~~ 6 to 22 carbon atoms.

21. (Currently amended) The composition of claim 20 wherein the lipophilic co-emulsifier ~~is comprises at least one member~~ selected from the group consisting of glycerol monooleate and sorbitan monolaurate.

22. (Original) The composition of claim 14 wherein the ratio by weight of hydrophilic emulsifier to the combined amount of hydrophilic emulsifier and lipophilic co-emulsifier ranges from 0.60 to 0.80.

23. (Currently amended) The composition of claim 14 ~~wherein the~~ mixed with an agrochemical is comprising at least one member selected from the group consisting of pesticides, herbicides, algicides, fungicides, bactericides, viricides, insecticides, aphicides, miticides, nematocides, molluscicides, plant growth regulators, fertilizers and nutrients, gametocides, defoliants, desiccants, pest repellants, synergists, herbicide safeners, salt additives, preservatives, and mixtures thereof.

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24. (Currently amended) The composition of claim ~~[[14]]~~ 13 wherein the agrochemical comprises a glyphosate herbicide.

25. (Currently amended) The composition of claim 14 further comprising consisting essentially of an agent selected from the group consisting of antifreeze agents, dyes, thickening agents, antifoam agents and inorganic salts.

26. (Original) A method for treating plants with an agrochemical comprising spraying the agrochemical in combination with the composition of claim 14.

27. (Currently amended) A method for the production of ready-to-use preparations containing agrochemicals comprising mixing a microemulsion ~~consisting essentially of an oil, a hydrophilic emulsifier, a lipophilic co-emulsifier and water of~~ claim 1 with an agrochemical.

28. (Original) The method of claim 27 wherein the oil phase component comprises a fatty acid ester.

29. (Currently amended) The method of claim 28 wherein the oil phase component ~~is~~ comprises at least one member selected from the group consisting of methyl oleate and methyl laurate.

30. (Currently amended) The method of claim 27 wherein the oil phase component ~~is~~ comprises at least one member selected from the group consisting of mineral oils, vegetable oils, paraffinic oils and silicone oils.

31. (Canceled)

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32. (Original) The method of claim 27 wherein the hydrophilic emulsifier comprises an alkyl(oligo)glycoside corresponding to the formula:



in which R is an alkyl group containing 8 to 22 carbon atoms, Z is a sugar unit containing 5 or 6 carbon atoms and x is a number from 1 to 10.

33. (Currently amended) The method of claim 27 wherein the lipophilic co-emulsifier is comprises at least one member selected from the group consisting of glycerol esters and sorbitan esters possessing of fatty acids containing 6 to 22 carbon atoms.

34. (Currently amended) The method of claim 33 wherein the lipophilic co-emulsifier is comprises at least one member selected from the group consisting of glycerol monooleate and sorbitan monolaurate.

35. (Original) The method of claim 27 wherein the ratio by weight of hydrophilic emulsifier to the combined amount of hydrophilic emulsifier and lipophilic co-emulsifier ranges from 0.60 to 0.80.

36. (Currently amended) The method of claim 27 wherein the agrochemical is comprises at least one member selected from the group consisting of pesticides, herbicides, algicides, fungicides, bactericides, viricides, insecticides, aphicides, miticides, nematocides, molluscicides, plant growth regulators, fertilizers, nutrients, gametocides, defoliants, desiccants, pest repellants, synergists, herbicide safeners, salt additives, preservatives, and mixtures thereof.

37. (Original) The method of claim 27 wherein the agrochemical comprises a glyphosate herbicide.

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38. (Currently amended) The method of claim 27 ~~further comprising, wherein~~
the microemulsion further consists essentially of an agent selected from the group
consisting of antifreeze agents, dyes, thickening agents, antifoam agents and inorganic
salts.